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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: ANDREW D. FIRLIK *ET AL.*

APPLICATION NO.: 10/606,202

FILED: JUNE 24, 2003

FOR: **METHODS AND APPARATUS FOR
EFFECTUATING A LASTING CHANGE IN
A NEURAL-FUNCTION OF A PATIENT**

EXAMINER: UNKNOWN

ART UNIT: 3762

CONF. NO: 4373

**Information Disclosure Statement Within Three Months of
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 C.F.R. § 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☐ Copies of the following references are enclosed:

- ☐ All cited references
- ☐ References marked by asterisks
- ☐ The following:

☒ Copies of the following references can be found in parent U.S. Application No. 09/802,808:

- ☒ All cited references
- ☐ References marked by asterisks
- ☐ The following:

- ☐ This application was filed after 30 June 2003 and no copies of U.S. patents nor published applications are enclosed (See Notice of Deputy Commissioner Kunin on 11 July 2003).
- ☐ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.
 - ☐ All cited references
 - ☐ References marked by ampersands
 - ☐ The following:

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

- ☐ Applicant further submits that no fee is due in light of the following certification under 37 C.F.R. § 1.97(e) (check only one):
 - ☐ In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
 - ☐ In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the



certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.

However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

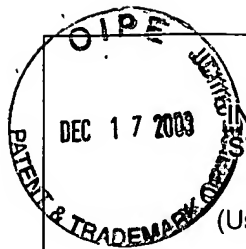
Respectfully submitted,
Perkins Coie LLP

Date: 12/15/03

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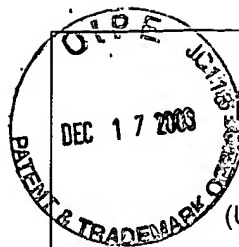
Application Number	10/606,202
Confirmation Number	4373
Filing Date	June 24, 2003
First Named Inventor	Andrew D. Firlik
Group Art Unit	3762
Examiner Name	Unknown
Attorney Docket No.	33734-8046US

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		US2002/0028072		Kashiyama	03/07/02	
		US2002/0169485		Pless et al.	11/14/02	
		US2002/0099412		Fischell et al.	07/25/02	
		3,650,276		Burghelle et al	03/21/72	
		4,140,133		Kastrubin et al.	02/20/79	
		4,542,752		DeHaan et al.	09/24/85	
		4,607,639		Tanagho et al.	08/26/86	
		4,646,744		Capel	03/03/87	
		4,844,075		Liss et al.	07/04/89	
		4,865,048		Eckerson	09/12/89	
		5,002,053		Garcia-Rill et al.	03/26/91	
		5,031,618		Mullett	07/16/91	
		5,092,835		Schurig et al.	03/03/92	
		5,143,089		Alt	09/01/92	
		5,169,384		Bosniak et al.	12/08/92	
		5,215,086		Terry, Jr. et al.	06/01/93	
		5,224,491		Mehra	07/06/93	
		5,255,678		Deslauriers et al.	10/26/93	
		5,304,206		Baker, Jr. et al.	04/19/84	
		5,358,513		Powell, III et al.	10/25/94	
		5,370,672		Fowler et al.	12/06/94	
		5,411,540		Edell et al.	05/02/95	
		5,417,719		Hull et al.	05/23/95	

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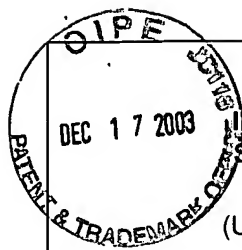
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		NUMBER	Kind Code (if known)			
		5,423,864		Ljungstroem	06/13/95	
		5,537,512		Hsia et al.	07/16/96	
		5,540,736		Haimovish et al.	07/30/96	
		5,549,655		Erickson	08/27/96	
		5,628,317		Starkebaum et al.	05/13/97	
		5,683,422		Rise	11/04/97	
		5,591,216		Testerman et al.	01/07/97	
		5,593,432		Crowther et al.	01/14/97	
		5,702,429		King	12/30/97	
		5,711,316		Elsberry et al.	01/27/98	
		5,713,922		King	02/03/98	
		5,713,923		Ward et al.	02/03/98	
		5,716,377		Rise et al.	02/10/98	
		5,722,401		Pietroski et al.	03/03/98	
		5,735,814		Elsberry et al.	04/07/98	
		5,752,979		Benabid	05/19/98	
		5,782,798		Rise	07/21/98	
		5,792,186		Rise	08/11/98	
		5,797,970		Pouvreau	08/25/98	
		5,814,014		Elsberry et al.	09/29/98	
		5,814,092		King	09/29/98	
		5,824,021		Rise	10/20/98	
		5,832,932		Elsberry et al.	11/10/98	

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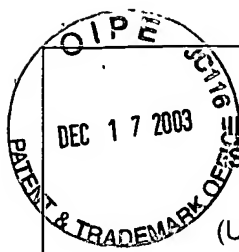
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		NUMBER	Kind Code (if known)			
		5,833,709		Rise et al.	11/10/98	
		5,843,148		Gijsbers et al.	12/01/98	
		5,843,150		Dreessen et al.	12/01/98	
		5,885,976		Sandyk	03/23/99	
		5,886,769		Zolten	03/23/99	
		5,893,883		Torgerson et al.	04/13/99	
		5,904,916		Hirsch	05/18/99	
		5,913,882		King	06/22/99	
		5,925,070		King et al.	07/20/99	
		5,938,688		Schiff	08/17/99	
		5,938,689		Fischell et al.	08/17/99	
		5,941,906		Barreras, St. et al.	08/24/99	
		5,964,794		Bolz et al.	10/12/99	
		5,975,085		Rise	11/02/99	
		5,978,702		Ward et al.	11/02/99	
		5,983,140		Smith et al.	11/09/99	
		6,006,124		Fischell et al.	12/21/99	
		6,011,996		Gielen et al.	01/04/00	
		6,016,449		Fischell et al.	01/18/00	
		6,018,682		Rise	01/25/00	
		6,021,352		Christopherson et al.	02/01/00	
		6,026,326		Bardy	02/15/00	
		6,042,579		Elsberry et al.	03/28/00	

EXAMINER

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				Attorney Docket No.			33734-8046US

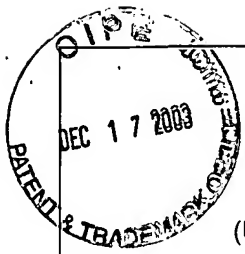
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		6,052,624		Mann	04/18/00	
		6,057,847		Sever, Jr.	05/02/00	
		6,058,331		King	05/02/00	
		6,055,456		Gerber	04/25/00	
		6,060,048		Cherksey	05/09/00	
		6,061,593		Fischell et al.	05/09/00	
		6,066,163		John	05/23/00	
		6,104,956		Naritoku et al.	08/15/00	
		6,104,960		Duysens et al.	08/15/00	
		6,122,548		Starkebaum et al.	09/19/00	
		6,126,657		Edwards et al.	10/03/00	
		6,128,537		Rise	10/03/00	
		6,128,538		Fischell et al.	10/03/00	
		6,134,474		Fischell et al.	10/17/00	
		6,152,143		Edwards	11/28/00	
		6,161,044		Silverstone	12/12/00	
		6,161,045		Fischell et al.	12/12/00	
		6,353,754		Fischell et al.	03/05/02	
		6,354,299		Fischell et al.	03/12/02	
		6,360,122		Fischell et al.	03/19/02	
		6,427,086		Fischell et al.	07/30/02	
		6,459,936		Fischell et al.	10/01/02	
		6,466,822		Pless	10/15/02	

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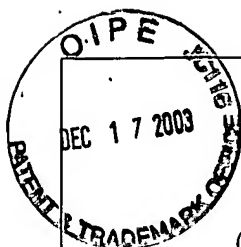
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		6,473,639		Fischell et al.	10/29/02	
		6,480,743		Kirkpatrick et al.	11/12/02	
		60/325,872		Sheffield	09/28/01	
		60/325,978		Gliner	09/28/01	
		10/072,700		Firlik	02/07/02	
		09/978,134		Gliner	10/15/01	

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		Office	NUMBER	Kind Code (if known)				
		PCT	WO 98/06342		Neotonus, Inc.	02/19/98		
		PCT	WO 95/21591		University of Iowa Research Foundation	17/08/95		
		PCT	WO 01/97906		Advanced Bionics Corp	27/12/01		
		PCT	WO 94/07564		Cardiac Pacemakers, Inc.	14/04/94		
		PCT	WO 87/07511		Zion Educational Foundation	17/12/87		
		PCT	WO 02/09811		Neuropace, Inc.	07/02/02		

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		Office	NUMBER	Kind Code (if known)				
		PCT	WO 02/36003		Neuropace, Inc.	10/05/02		
		PCT	WO 02/38031		Neuropace, Inc.	16/05/02		
		PCT	WO 02/38217		Neuropace, Inc.	16/05/02		
		EP	1145736		Neuropace, Inc.	17/10/01		

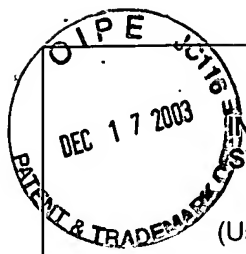
OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
		SIEBNER et al., "Lasting cortical activation after repetitive TMS of the motor cortex," NEUROLOGY 54, pp. 956-963 (February 2000)	
		ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience, Vol. 18, No. 3, pp. 1115-1123 (February 1998)	
		OLIVERI et al., "Paired transcranial magnetic stimulation protocols reveal a pattern of inhibition and facilitation in the human parietal cortex," The Journal of Physiology, 529.2, pp. 461-468 (2000)	
		CLASSEN, et al., "Rapid Plasticity of Human Cortical Movement Representation Induced by Practice," The Journal of Neurophysiology, Vol. 79, No. 2, pp. 1117-1123 (February 1998)	
		LEVY et al., "Functional MRI Evidence of Cortical Reorganization in Upper-Limb Stroke Hemiplegia Treated with Constraint-Induced Movement Therapy," American Journal of Physical Medicine & Rehabilitation, Vol. 80, No. 1, pp. 4-7 (2001)	
		GORDON et al., "Parameters for direct cortical electrical stimulation in the human: histopathologic confirmation," Electroencephalography and clinical Neurophysiology, Vol. 75, pp. 371-377 (1990)	
		CRAMER, S.C. and BASTINGS, E.P., "Mapping clinically relevant plasticity after stroke," Neuropharmacology Vol. 19, No. 5, pp. 842-851 (April 2000)	

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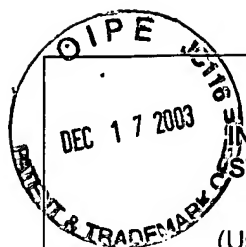
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		HODGE, JR., C.J. and BOAKYE, M., "Biological Plasticity: The Future of Science in Neurosurgery," Neurosurgery, Vol. 48, No. 1 (January 2001)	
		NITSCHKE, M.A. and PAULUS, W., "Excitability changes induced in the human motor cortex by weak transcranial direct current stimulation," The Journal of Physiology, Vol. 527.3, pp. 663-639 (2000)	
		ROSSI et al., "Effects of Repetitive Transcranial Magnetic Stimulation on Movement-related Cortical Activity in Humans," Cerebral Cortex, Vol. 10, No. 8, pp. 802-808 (August 2000)	
		CINCOTTA et al., "Reorganization of the motor cortex in a patient with congenital hemiparesis and mirror movements," Neurology, Vol. 55, pp. 129-131 (2000)	
		STEFAN et al., "Introduction of plasticity in the human motor cortex by paired associative stimulation," Brain, Vol. 123, No. 3, pp. 575-584 (March 2000)	
		FEYS et al., "Value of somatosensory and motor evoked potentials in predicting arm recovery after a stroke," (October 1999)	
		TURTON, A. and LEMON, R.N., "The contribution of fast corticospinal input to the voluntary activation of proximal muscles in normal subjects and in stroke patients," Exp. Brain Res., Vol. 129, pp. 559-572 (1999)	
		MARTINEZ et al., "Motor hand recovery after stroke Prognostic yield of early transcranial magnetic stimulation," Electromyography. Clin. Neurophysiology, Vol. 39, pp. 405-410 (1999)	
		SAITOU et al., "Cerebral Blood Volume and Oxygenation Among Poststroke Hemiplegic Patients: Effects of 13 Rehabilitation Tasks Measured by Near-Infrared Spectroscopy," Arch. Phys. Med. Rehabil., Vol. 81 pp. 1348-1356 (October 2000)	
		MALENKA, R.C. and NICOLL, R.A., "Long-Term Potentiation – A Decade of Progress?," Neuroscience, Vol. 285, No. 5435, Issue of 17 September 1999, pp. 1870-1874	

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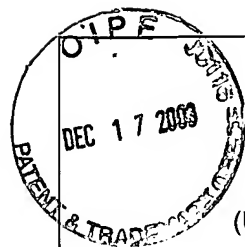
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		SANES, J.N. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annu. Rev. Neurosci. 23:393-415 (2000)	
		FRANZINI et al., "Reversal of thalamic hand syndrome by long-term motor cortex stimulation," Journal of Neurosurgery 93:873-875 (2000)	
		WALKER-BATSON et al., "Amphetamine Paired With Physical Therapy Accelerates Motor Recovery After Stroke," Stroke, Vol. 26, No. 12, pp. 2254-2259 (1995)	
		NETZ et al., "Reorganization of motor output in the non-affected hemisphere after stroke," Brain, 120, pp. 1579-1586 (1997)	
		SANES, "The Relation between Human Brain Activity and Hand Movements," Neurolmage 11, pp. 370-374 (2000)	
		SANES, J. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annual Review of Neuroscience 23:393-415 (2000)	
		SANDKÜHLER, "Learning and memory in pain pathways," Pain 88, pp. 113-118 (2000)	
		DAM et al., "Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy," Stroke, Vol. 27, No. 7, pp. 1211-1214 (July 1996)	
		BEL, S. and BAUER, B.L., "Dorsal Column Stimulation (DCS): Cost to Benefit Analysis," Acta Neurochirurgica, Suppl. 52, pp. 121-123 (1991)	
		KOPELL et al., "The Continuing Evolution of Psychiatric Neurosurgery," CNS Spectrums, Vol. 5, No. 10, pp. 20-31 (October 2000)	
		REZAI, "Neurostimulation," Neurological Research, Vol. 22, No. 3 pp. 235-273 (April 2000)	

EXAMINER	DATE CONSIDERED
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	10/606,202
Confirmation Number	4373
Filing Date	June 24, 2003
First Named Inventor	Andrew D. Firlík
Group Art Unit	3762
Examiner Name	Unknown
Attorney Docket No.	33734-8046US

Sheet 9 of 10

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
		TURTON et al., "Contralateral and ipsilateral EMG responses to transcranial magnetic stimulation during recovery of arm and hand function after stroke," <i>Electroencephalography and Clinical Neurophysiology</i> 101 pp. 316-328 (1996)	
		BÜTEFISCH et al., "Mechanisms of use-dependent plasticity in the human motor cortex," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 97, No. 7, pp. 3661-3665 (March 2000)	
		VAN DER LEE et al., "The Intra- and Interrater Reliability of the Action Research Arm Test: A Practical Test of Upper Extremity Function in Patients With Stroke," <i>Arch. Phys. Med. Rehabil.</i> , Vol. 82 pp. 14-19 (January 2001)	
		KAUHANEN et al., "Domains and Determinants of Quality of Life After Stroke Caused by Brain Infarction," <i>Arch. Phys. Med. Rehabil.</i> , Vol. 81, pp. 1541-1546 (December 2000)	
		ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," <i>The Journal of Neuroscience</i> 18(3):1115-1123 (February 1998)	
		ROUX et al., "Chronic Motor Cortex Stimulation for Phantom Limb Pain: A Functional Magnetic Resonance Imaging Study: Technical Cast Report," <i>Neurosurgery</i> , Vol. 49, No. 3 (March 2001)	
		COHEN et al., "Studies of Neuroplasticity With Transcranial Magnetic Stimulation," <i>The Journal of Clinical Neurophysiology</i> , Vol. 15, No. 4 (1998)	
		SHIMIZU et al., "Therapeutic efficacy of transcranial magnetic stimulation for hereditary spinocerebellar degeneration," <i>Tohoku Journal of Experimental Medicine</i> , 189(3):203-11 (November 1999)	
		LIEPERT et al., "Treatment-Induced Cortical Reorganization After Stroke in Humans," <i>Stroke</i> , 31:1210-1216 (2000)	
		SCHIFF et al., "A neuromodulation strategy for rational therapy of complex brain injury states," <i>Neurological Research</i> , Vol. 22 pp. 267-272 (April 2000)	

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		GLADSTONE et al., "Enhancing Recovery after Stroke with Noradrenergic Pharmacotherapy: A New Frontier?," Can J. Neurol. Sci., Vol. 27, No. 2 (May 2000)	
		PASCUAL-LEONE et al., "Study and Modulation of Human Cortical Excitability With Transcranial Magnetic Stimulation," Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)	
		PASCUAL-LEONE et al., "Transcranial magnetic stimulation and neuroplasticity," Neurophycologia 37, pp. 207-217 (1999)	
		STEFAN et al., "Induction of plasticity in the human motor cortex by paired associative stimulation," Brain, 123, pp. 572-584 (2000)	
		CANAVERO, S. and PAOLOTTI, R., "Extradural Motor Cortex Stimulation for Advanced Parkinson's Disease: Case Report," <i>Movement Disorders</i> 15(1): 169-171, 2000	
		PCT International Search Report for Application No. PCT/US02/07077; Applicant: Vertis Neuroscience, Inc., October 22, 2002, 7 pgs.	
		PCT International Search Report, for Application No. PCT/US02/32695; Applicant: Vertis Neuroscience, Inc., December 27, 2002; 9 pgs.	

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